ERK Series enclosure

The ERK Series 19" welded stand-alone / gangable enclosures. Advanced manufacturing techniques provide highest quality and lowest price.

- Fully welded construction
- 2,500 lb. weight capacity
- 1/8" thick structural steel internal braces
- UL Listed in the US and Canada
- Seismic certified (when used with ERK-Z4 option) with an Ip value of 1.5
- 22" OD width, available 20", 25" or 28" OD depth
- 1/2", 3/4", 1" & 1-1/2" electrical knockouts on removable split rear plates top and bottom, easily removable for cable pass-through. Top plates additionally include UHF / VHF knockouts
- Standard front, optional rear 11-gauge 10-32-threaded, fully adjustable rackrail with numbered rackspace increments
- Keylocked solid rear door standard, optional vented rear doors available
- Optional front doors available
- Configurable top options on 44, 40, and 35 space sizes
- Durable black textured powder coat finish

ERK-4425

EIA compliant 19" stand-alone / gangable equipment rack shall be Middle Atlantic Products model # ERK-__-__(see chart for available models). Overall dimensions of rack shall be __"H x __"W x __"D (refer to chart). Useable height shall be ___ rackspaces, useable depth shall be ___ (refer to chart). Rack shall be of fully welded construction. Weight capacity shall be 2,500 lbs. ERK shall be finished in a durable black powder coat. ERK shall come equipped with a pair of fully adjustable 11-gauge steel rackrails with tapped 10-32 mounting holes in universal EIA spacing, black e-coat finish and numbered rackspaces. ERK shall include solid locking rear door standard and solid sides with vertical slotted vent pattern at top and bottom (and laser knockouts for cable pass-through on 44, 40, and 35 space models). Top and bottom of ERK shall feature vertical slotted vent pattern. ERK shall have removable split rear knockout panels with 1/2", 3/4", 1", and 1-1/2" electrical knockouts installed in base and a removable rear knockout panel with 1/2", 3/4", 1", and 1-1/2" electrical knockouts and BNC knockouts for UHF/VHF antennae installed in top. Grounding and bonding stud shall be 1/4-20 threaded (1 location), bonding stud shall be 10-32-threaded (3 locations). ERK Series enclosures shall satisfy the 2005 & 2010 Editions of ASCE Standard 7; 2006, 2009 & 2012 editions of the IBC; 2007, 2010 & 2013 editions of the CBC; 2010 editions of the NBC and 2012 edition of the BCBC for use in areas of high seismicity, Occupancy Category IV facilities. Seismic design force is an assumed Site Class D soil conditions, and top floor or rooftop installations. Design for High Importance or Post-disaster installation uses an importance factor (Ip or Ie) of 1.5 when used with ERK-Z4 seismic floor anchor bracket. ERK shall be UL Listed in the US to UL2416 (NWIN) and Canada to CSA C22.2 No. 60950-1. ERK shall be GREENGUARD Gold Certified. ERK shall be manufactured by an ISO 9001 and ISO 14001 registered company. ERK shall be warranted to be free from defects in material or workmanship under normal use and conditions for the lifetime of the product.

Customizable specification clips available at middleatlantic.com
ERK Series
configured A/V enclosure

Configured A/V enclosure ships complete with the most commonly used accessories.

- Integrated fan top
- Configurable rear door with bottom vent, solid locking front door
- 3-1/4" wide vertical lacer strip (height varies based on model)
- Six horizontal lacer bars
- Twelve 8" Velcro® cable management straps
- Thin power strip, 20 Amp, 20 outlet with cord (44 space enclosures) or 2 qty. thin power strip, 20 Amp, 10 outlet with cord (35 & 40 space enclosures)
- Leveling feet
- 100 qty. 10-32 mounting hardware

EIA compliant 19" stand-alone / gangable equipment rack shall be Middle Atlantic Products model # ERK-___-___-AV (see chart for available models). Overall dimensions of rack shall be ___"H x ___"W x 25"D (refer to chart). Useable height shall be ___ rackspaces, useable depth shall be 23-1/2". Rack shall be of fully welded construction. Weight capacity shall be 2,500 lbs. ERK shall be finished in a durable black powder coat. Solid front door and vented, locking and latching rear door and all structural elements shall be finished in a durable black powder coat. Rack shall come equipped with two pairs of 11-gauge steel rackrail with tapped 10-32 mounting holes in universal EIA spacing, black e-coat finish and numbered rackspaces. Rack shall include 100 qty. 10-32 mounting screws. Rack shall be equipped with one 3-1/4" vertical lacer strip Middle Atlantic Products model # LACE-__-0P (refer to chart), four ‘L’ shaped straight and two 4” offset horizontal lacer bars and twelve, 8” Velcro® straps for cable management. The ERK shall have a solid locking rear door standard and solid side panels with vertical slotted vent pattern at top and bottom with laser knockouts for cable pass-through. Rack shall have feature integrated fan top, Middle Atlantic Products model # ERK-4FT-285CFM for active thermal management. The ERK-4FT-285CFM shall consist of three 4-1/2" fans and airflow shall be 285 CFM. Rack shall have removable split rear knockout panels with 1/2", 3/4", 1" and 1-1/2" electrical knockouts and top BNC knockouts for UHF/VHF antennae. Grounding and bonding stud shall be 1/4-20 threaded (1 location), bonding stud shall be 10-32 threaded (3 locations). ERK Series enclosures shall satisfy the 2005 & 2010 Editions of ASCE Standard 7; 2006, 2009 & 2012 editions of the IBC; 2007, 2010 & 2013 editions of the CBC; 2010 editions of the NBC and 2012 edition of the BCBC for use in areas of high seismicity, Occupancy Category IV facilities. Seismic design force is an assumed Site Class D soil conditions, and top floor or rooftop installations. Design for High Importance or Post-disaster installation uses an importance factor (Ip or Ie) of 1.5 when used with ERK-Z4 seismic floor anchor bracket. ERK-___-AV shall include a high-density thin power distribution and shall be Middle Atlantic Products model # PDT-____-NS with ___ outlets and 20 amps (refer to chart). Thin power distribution shall be ___" long (refer to chart) x 1” deep x 1.9” wide. J-Box shall be 2” deep x 2” wide. Thin power distribution shall feature ___ NEMA 5-20R outlets. Corded power strip includes 20 amp protection and mounting hardware. Corded model shall be terminated with 10-foot power cord and a NEMA 5-20P plug. PDT Series shall feature a black anodized finish. ERK shall be UL Listed in the US to UL2416 (NWII) and Canada to CSA C22.2 No. 60950-1. ERK shall be GREENGUARD Gold Certified. ERK shall be manufactured by an ISO 9001 and ISO 14001 registered company. ERK shall be warranted to be free from defects in material or workmanship under normal use and conditions for the lifetime of the product.

Customizable specification clips available at middleatlantic.com
ERK Series
basic dimensions

all dimensions in inches unless otherwise noted [all dimensions in brackets are in millimeters]

what great systems are built on.
## ERK Series
### basic dimensions

All dimensions in inches unless otherwise noted. (All dimensions in brackets are in millimeters).

<table>
<thead>
<tr>
<th>Part #</th>
<th>Part #</th>
<th>Terminated</th>
<th>Circuit</th>
<th>Outlets</th>
<th>Overall Length</th>
<th>Qty</th>
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</thead>
</table>

## ERK A/V Enclosure Power Distribution

### ERK A/V Enclosure Vertical Lacer Bar Chart

<table>
<thead>
<tr>
<th>Part #</th>
<th>Lacer Bar</th>
<th># of Racks</th>
<th>Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>ERK-4425-AV</td>
<td>LACE-44-OP</td>
<td>44</td>
<td>3.25 [83]</td>
</tr>
<tr>
<td>ERK-4025-28</td>
<td>ERK-3525-28</td>
<td>40</td>
<td>3.25 [83]</td>
</tr>
</tbody>
</table>

![top view](image-url)
ERK Series
basic dimensions

all dimensions in inches unless otherwise noted [all dimensions in brackets are in millimeters]

<table>
<thead>
<tr>
<th>Part #</th>
<th>Rackspace</th>
<th>Overall Height</th>
<th>Used On</th>
<th>Mounting Location</th>
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</thead>
<tbody>
<tr>
<td>ERK-44-F-EXT3</td>
<td>44</td>
<td>81.13 [2061]</td>
<td>ERK-44XX</td>
<td>front</td>
</tr>
<tr>
<td>ERK-44-R-EXT3</td>
<td>44</td>
<td>81.13 [2061]</td>
<td>ERK-44XX</td>
<td>rear</td>
</tr>
<tr>
<td>ERK-40-F-EXT3</td>
<td>40</td>
<td>74.13 [1883]</td>
<td>ERK-40XX</td>
<td>front</td>
</tr>
<tr>
<td>ERK-40-R-EXT3</td>
<td>40</td>
<td>74.13 [1883]</td>
<td>ERK-40XX</td>
<td>rear</td>
</tr>
</tbody>
</table>
ERK Series
basic dimensions

all dimensions in inches unless otherwise noted (all dimensions in brackets are in millimeters)

Front view

Side view

Rear view

2.50 [64]
15.00 [64]

.72 [18] depth of door

.76 [19] depth of brush cable panel

10-32 x .5 rear door bonding stud
(1 only as shown)

Option rear cable door

Brush panel for cables to come through can be mounted on top or bottom

NOTE: Brush panel can be mounted on top or bottom of rack

<table>
<thead>
<tr>
<th>Part #</th>
<th>Used On</th>
</tr>
</thead>
<tbody>
<tr>
<td>ERK-RDC18</td>
<td>ERK-18XX</td>
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<tr>
<td>ERK-RDC21</td>
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<td>ERK-RDC27</td>
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<tr>
<td>ERK-RDC35</td>
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<tr>
<td>ERK-RDC44</td>
<td>ERK-44XX</td>
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</tbody>
</table>

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